

EENS Job Risk Assessment

Name(s) of Risk Team Members: L. Bowerman, G. Carini, I. Dioszegi, G. Greene, J. Madaia, A. Piper, P. Vaner	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Work in an Oxygen Deficiency Hazard Area Job Number or Job Identifier: EENS-JRA-019 JRA Date:	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Description: Work in Oxygen Deficiency Hazard areas in EENS facilities.	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training Procedures List (Optional):	Likelihood (D)	Very Unlikely	Unlikely	Possible	Probable	Multiple
Approved by: Date: 5/04/06 Rev. #: Draft						
Stressors (if applicable, please list all):		Reason for Revision (if applicable):			Comments:	

			Before Additional Controls							After Additional Controls						
Activity	Hazard	Control(s)	Stressor	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Work in potential ODH area's, due to the presence of nitrogen, helium	Oxygen Deficiency (asphyxiation)	Tier 1, postings, training, engineering controls (e.g.: ventilation, design of Dewar to applicable standards, etc), ESR, IH support, appropriate cart for Dewar's, engineering analysis	N	1	4	1	4	16								

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			Before Additional Controls						After Additional Controls							
Activity	Hazard	Control(s)	Stressor	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Work in potential ODH area's, due to the presence of xenon	Oxygen Deficiency (asphyxiation)	Tier 1, postings, training, engineering controls (e.g.: ventilation, design of Dewar to applicable standards, etc), ESR, IH support, appropriate cart for Dewar's, engineering analysis	N	1	4	1	1	4								
Work in potential ODH area's, due to the presence of compressed gas cylinders in storage and in use	Oxygen Deficiency (asphyxiation)	Tier 1, postings, training, engineering controls (e.g.: ventilation, design of Dewar to applicable standards, etc), ESR, IH support, appropriate cart for Dewar's, engineering analysis, SBMS subject area, protective cylinder caps, hydrostatic testing,	N	1	4	1	3	2								
Further Description of Controls Added to Reduce Risk:																
*Risk:	0 to 20 Negligible	21 to 40 Acceptable	41 to 60 Moderate				61 to 80 Substantial			81 or greater Intolerable						